

The above figure shows the pathway of synthesis of the common fatty and four plants. Different desaturase enzymes result in the production of different fath adds with double bonds at different positions - for example α-linolenic and γ-lino texic acid. Therefore the presence of a specific desaturase enzyme in a crop plant can result in the production of a valuable fatty acid such as γ-linolenic acid.

CNAP | Springdale Crop Synergies Ltd | us